

BIRCI STEWART, KOLASCH & IRCH, LLP

COMBINED DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO.
0425-843P

FOR PATENT AND DESIGN APPLICATIONS

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:



As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

➔ GAS GENERATOR FOR AIR BAG AND AIR BAG APPARATUS

Fill in Appropriate
Information -
For Use Without
Specification
Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on _____ as
United States Application Number _____; and /or

the specification was filed on Oct. 4, 2000 as PCT
International Application Number PCT/JP00/06911; and was
amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority
Information:
(if appropriate)

➔ Prior Foreign Application(s)

<u>11-283422</u> (Number)	<u>Japan</u> (Country)	<u>Oct. 4, 1999</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>11-283423</u> (Number)	<u>Japan</u> (Country)	<u>Oct. 4, 1999</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>11-291982</u> (Number)	<u>Japan</u> (Country)	<u>Oct. 14, 1999</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>2000-288083</u> (Number)	<u>Japan</u> (Country)	<u>Sep. 22, 2000</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>2000-289201</u> (Number)	<u>Japan</u> (Country)	<u>Sep. 22, 2000</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Priority Claimed

☐ No
☐ No
☐ No
☐ No
☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Insert Provisional
Application(s):
(if any)

➔ _____ (Application Number)	_____	_____	_____
_____	_____	_____	_____

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

Insert Requested
Information:
(if appropriate)

Country	Application No.	Date of Filing (Month/Day/Year)
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S.
Application(s):
(if any)

➔ _____ (Application Number)	_____	_____	_____
_____	_____	_____	_____

I hereby joint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorney with a written notice to the contrary:

Terrell C. Birch	(Reg. No. 19,382)	Raymond C. Stewart	(Reg. No. 21,066)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Andrew F. Reish	(Reg. No. 33,443)
C. Joseph Faraci	(Reg. No. 32,350)	Donald J. Daley	(Reg. No. 34,313)

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole
Inventor:
Insert Name of Inventor
Insert Date This
Document is Signed

Insert Residence
Insert Citizenship

Insert Post Office
Address

Full Name of Second
Inventor, if any:

see above

Full Name of Third
Inventor, if any

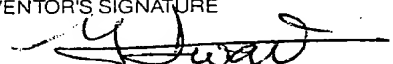
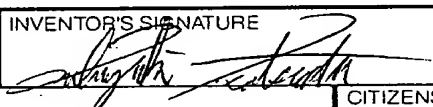


see above

Full Name of Fourth
Inventor, if any

see above

Full Name of Fifth
Inventor, if any

see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Yasunori	IWAI		May 28, 2001
Residence (City, State & Country)		CITIZENSHIP	
Osaka, Japan		Japanese	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
7-23-705, Nakanohonmachi, Shijyonawate-shi, Osaka, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Nobuyuki	KATSUDA		May 28, 2001
Residence (City, State & Country)		CITIZENSHIP	
Hyogo, Japan		Japanese	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
4-2-2, Ohtsuocho, Ohtsu-ku, Himeji-shi, Hyogo, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Yoshihiro	NAKASHIMA		May 28, 2001
Residence (City, State & Country)		CITIZENSHIP	
Hyogo, Japan		Japanese	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
4-21-1, Takahamacho, Hirohata-ku, Himeji-shi, Hyogo, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Nobuyuki	OHJI		May 28, 2001
Residence (City, State & Country)		CITIZENSHIP	
Hyogo, Japan		Japanese	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
202-12, Yoneda, Yonedacho, Takasago-shi, Hyogo, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

PATENT
0425-0843P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Yasunori IWAI et al. Conf.: 4352
Appl. No.: 09/869,954 Group: Unassigned
Filed: July 9, 2001 Examiner: Unassigned
For: GAS GENERATOR FOR AIR BAG AND AIR BAG
APPARATUS

ATTN: ASSIGNMENTS DIVISION

LETTER

BOX ASSIGNMENTS

U.S. Patent And Trademark Office
Assignment Division
CG-4
1213 Jefferson Davis Highway
Suite 320
Washington, DC 20231

Sir:

On the attached "United States Patent and Trademark Office Notice of Recordation of Assignment Document" in connection with the above-identified application, it is noted that there is a typographical error in the **second assignor's name**.

The **second assignor's name** on the Recordation Form Cover Sheet and the Assignment recorded at reel/frame 012052/0241 is "Nobuyuki KATSUDA" rather than "Nobuyki KATSUDA" as set forth in the Notice of Recordation.

With the correction being underlined, the Notice of Recordation should be corrected to have the **second assignor's name** read:

(Second) Assignor: Nobuyuki KATSUDA

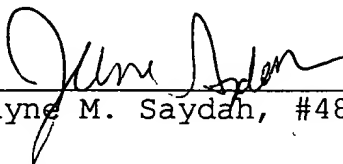
Please enter the present Letter into the file of the above-identified application and provide a Corrected Notice incorporating the above correction.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By


Jayne M. Saydah, #48,796

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

JES/pw
0425-0843P

Attachments: Notice of Recordation - (copy)
Recording of Assignment - (copy)
Assignment - (copy)

JANUARY 29, 2002

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP
RAYMOND C. STEWART
P.O. BOX 747
FALLS CHURCH, VA 22040-0747

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101950872A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/09/2001

REEL/FRAME: 012052/0241
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
IWAI, YASUNORI

DOC DATE: 05/28/2001

ASSIGNOR:
KATSUDA, NOBUYUKI

DOC DATE: 05/28/2001

ASSIGNOR:
NAKASHIMA, YOSHIHIRO

DOC DATE: 05/28/2001

ASSIGNOR:
OHJI, NOBUYUKI

DOC DATE: 05/28/2001

ASSIGNEE:
DAICEL CHEMICAL INDUSTRIES, LTD.
1, TEPP0-CHO
SAKAI-SHI, OSAKA, JAPAN

SERIAL NUMBER: 09869954
PATENT NUMBER:

FILING DATE: 07/09/2001
ISSUE DATE:

012052/0241 PAGE 2

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

IWAI, Yasunori
KATSUDA, Nobuyuki
NAKASHIMA, Yoshihiro
OHJI, Nobuyuki

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

2. Name and address of receiving party(ies)

Name: DAICEL CHEMICAL INDUSTRIES, LTD.

Internal Address:

Street Address: 1, Teppo-cho

City: Sakai-shi State: Osaka ZIP:

Country: JAPAN

Postal Code:

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: May 28, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 28, 2001

A. Patent Application No(s).

NEW

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page
if paying by deposit account)

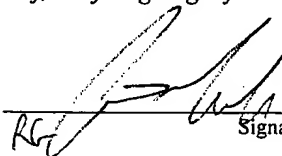
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond C. Stewart, #21,066

Name of Person Signing/Reg. No.



Signature

July 9, 2001

Date

Total number of pages including cover sheet, attachments, and document: Three (3)

RCS/rem

(Rev. 06/25/01)

ATTORNEY DOCKET NO.

0425-0843P

ASSIGNMENT

Application No. New

Filed July 2, 2001

Insert Name(s) of Inventor(s) ➡ WHEREAS, Yasunori IWAI, Nobuyuki KATSUDA, Yoshihiro
NAKASHIMA and Nobuyuki OHJI

Insert Title of Invention ➡ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____
GAS GENERATOR FOR AIR BAG AND AIR BAG APPARATUS

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ➡ on May 28, 2001; and

Insert Name of Assignee ➡ WHEREAS, DAICEL CHEMICAL INDUSTRIES, LTD.

Insert Address of Assignee ➡ of 1, Teppo-cho, Sakai-shi, Osaka, Japan

CHECK BOX
IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 28, 2001,

Name of Inventor

Yasunori IWAI

(signature)

Date May 28, 2001,

Name of Inventor

Nobuyuki KATSUDA

(signature)

Date May 28, 2001,

Name of Inventor

Yoshihiro NAKASHIMA

(signature)

Date May 28, 2001,

Name of Inventor

Nobuyuki OHJI

(signature)

Date _____,

Name of Inventor

(signature)

Date _____,

Name of Inventor

(signature)

1-10 581-40

09/869954

Atty. Docket No.: 0425-0843P

01-24-2002

Page 1 of 1



JC18 Rec'd PCT/PTO 09 JUL 2001

COVER SHEET

101950872

Patents and Trademarks:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

IWAI, Yasunori
KATSUDA, Nobuyuki
NAKASHIMA, Yoshihiro
OHJI, Nobuyuki

7-9-01

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: May 28, 2001

2. Name and address of receiving party(ies)

Name: DAICEL CHEMICAL INDUSTRIES, LTD.

Internal Address:

Street Address: 1, Teppo-cho

City: Sakai-shi State: Osaka ZIP:

Country: JAPAN Postal Code:

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 28, 2001

A. Patent Application No(s).

NEW

B. Patent No(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond C. Stewart, #21,066

Name of Person Signing/Reg. No.

Signature

July 9, 2001

Date

Total number of pages including cover sheet, attachments, and document: Three (3)

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05 FC:581

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RCS/rem

(Rev. 06/25/01)



425-843

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 11, 2001

PTAS
BIRCH, STEWART, KOLASCH & BIRCH, LLP
RAYMOND C. STEWART
P.O. BOX 747
FALLS CHURCH, VA 22040-0747



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/09/2001

REEL/FRAME: 012052/0241
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

IWAI, YASUNORI

DOC DATE: 05/28/2001

ASSIGNOR: NOBUYUKI

KATSUDA, NOBUYUKI

DOC DATE: 05/28/2001

ASSIGNOR:

NAKASHIMA, YOSHIHIRO

DOC DATE: 05/28/2001

ASSIGNOR:

OHJI, NOBUYUKI

DOC DATE: 05/28/2001

ASSIGNEE:

DAICEL CHEMICAL INDUSTRIES, LTD.
1, TEPPU-CHO
SAKAI-SHI, OSAKA, JAPAN

SERIAL NUMBER: 09869954

FILING DATE: 07/09/2001

PATENT NUMBER:

ISSUE DATE:

70 581-40
08-22-2001

09/869954

Atty. Docket No. 0425-0843P

Page 1 of 1

JC18 Rec'd PCT/PTG 09 JUL 2001

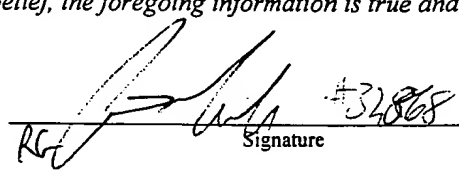


COVER SHEET

101818797

Patents and Trademarks:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): IWAI, Yasunori KATSUDA, Nobuyuki NAKASHIMA, Yoshihiro OHJI, Nobuyuki Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		2. Name and address of receiving party(ies) Name: DAICEL CHEMICAL INDUSTRIES, LTD. Internal Address: Street Address: 1, Teppo-cho City: Sakai-shi State: Osaka ZIP: Country: JAPAN Postal Code: Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: May 28, 2001			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: May 28, 2001 A. Patent Application No(s). NEW B. Patent No.(s). Additional numbers attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA		6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 02-2448 (Attach triplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Raymond C. Stewart, #21,066 Name of Person Signing/Reg. No.  #32868 Signature July 9, 2001 Date Total number of pages including cover sheet, attachments, and document: Three (3)			

07/13/2001 RNDUYEN 00000002 09850054

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40.00 0P

RCS/rem

(Rev. 06/25/01)

ATTORNEY DOCKET NO.

0425-0843P

ASSIGNMENT

Application No. New

Filed July 9, 2001

Insert Name(s) of Inventor(s) ➡ WHEREAS, Yasunori IWAI, Nobuyuki KATSUDA, Yoshihiro
NAKASHIMA and Nobuyuki OHJI

Insert Title of Invention ➡ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
GAS GENERATOR FOR AIR BAG AND AIR BAG APPARATUS

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ➡ on May 28, 2001; and

Insert Name of Assignee ➡ WHEREAS, DAICEL CHEMICAL INDUSTRIES, LTD.

Insert Address of Assignee ➡ of 1, Teppo-cho, Sakai-shi, Osaka, Japan

CHECK BOX IF APPROPRIATE ➡ ☐ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree() execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

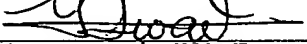

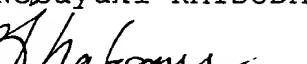
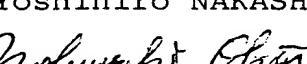
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>May 28, 2001</u> ,	Name of Inventor <u></u> Yasunori IWAI (signature)
Date <u>May 28, 2001</u> ,	Name of Inventor <u></u> Nobuyuki KATSUDA (signature)
Date <u>May 28, 2001</u> ,	Name of Inventor <u></u> Yoshihiro NAKASHIMA (signature)
Date <u>May 28, 2001</u> ,	Name of Inventor <u></u> Nobuyuki OHJI (signature)
Date _____,	Name of Inventor _____ (signature)
Date _____,	Name of Inventor _____ (signature)

ATTORNEY DOCKET NO.

0425-0843P

ASSIGNMENT

Application No. New

Filed July 9, 2001

Insert Name(s)
of Inventor(s)

➡ WHEREAS, Yasunori IWAI, Nobuyuki KATSUDA, Yoshihiro
NAKASHIMA and Nobuyuki OHJI

Insert Title
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Date May 28, 2001,

Name of Inventor

Yasunori IWAI

(signature)

Date May 28, 2001,

Name of Inventor

Nobuyuki KATSUDA

(signature)

Date May 28, 2001,

Name of Inventor

Yoshihiro NAKASHIMA

(signature)

Date May 28, 2001,

Name of Inventor

Nobuyuki OHJI

(signature)

Date _____,

Name of Inventor

(signature)

Date _____,

Name of Inventor

(signature)